

820 Payment Order/Remittance Advice

Functional Group ID= **RA**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Notes:

- 1. This transaction set will be used by the remitter to transmit advice to the agency or designated third party. Some examples of the use of this collection model are payment of mortgage insurance premiums, student loans, medical claims, fees, and duties.*
- 2. The monetary amount in BPR02 should be the sum of all "outer" loop values in data element ADX01 and all data element RMR04 amounts, if present. The data cited in data elements BPR12-15 are in effect, the vendor's EFT "Remit To" electronic address.*

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	>1		
	035	TRN	Trace	O	1		c1
Not Used	040	CUR	Currency	O	1		c2
	050	REF	Reference Numbers	O	>1		
	060	DTM	Date/Time Reference	O	>1		
LOOP ID - N1						>1	
	070	N1	Name	O	1		c3
Not Used	080	N2	Additional Name Information	O	>1		
Not Used	090	N3	Address Information	O	>1		
Not Used	100	N4	Geographic Location	O	1		
Not Used	110	REF	Reference Numbers	O	>1		
	120	PER	Administrative Communications Contact	O	>1		

Detail:

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Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - ENT						>1
010	ENT	Entity	O	1		n1, c4
LOOP ID - N1						>1
020	N1	Name	O	1		c5
030	N2	Additional Name Information	O	>1		
040	N3	Address Information	O	>1		
050	N4	Geographic Location	O	1		
Not Used	060	REF	O	>1		
070	PER	Administrative Communications Contact	O	>1		
LOOP ID - ADX						>1
Not Used	080	ADX	O	1		c6
Not Used	090	NTE	O	>1		
Not Used	100	PER	O	>1		
Not Used	105	DTM	O	1		
LOOP ID - REF						>1
Not Used	110	REF	O	1		
Not Used	120	DTM	O	>1		
LOOP ID - IT1						>1
Not Used	130	IT1	O	1		c7
LOOP ID - REF						>1
Not Used	140	REF	O	1		
Not Used	141	DTM	O	1		
LOOP ID - SAC						>1
Not Used	142	SAC	O	1		
Not Used	143	TXI	O	>1		
LOOP ID - SLN						>1
Not Used	144	SLN	O	1		
LOOP ID - REF						>1
Not Used	145	REF	O	1		
Not Used	146	DTM	O	>1		
LOOP ID - SAC						>1
Not Used	147	SAC	O	1		
Not Used	148	TXI	O	>1		
LOOP ID - RMR						>1
150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		c8
Not Used	160	NTE	O	>1		
170	REF	Reference Numbers	O	>1		
180	DTM	Date/Time Reference	O	>1		
LOOP ID - IT1						>1
Not Used	190	IT1	O	1		c9
LOOP ID - REF						>1

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Not Used	200	REF	Reference Numbers	O	1	
Not Used	201	DTM	Date/Time Reference	O	1	
LOOP ID - SAC					>1	
Not Used	202	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	203	TXI	Tax Information	O	>1	
LOOP ID - SLN					>1	
Not Used	204	SLN	Subline Item Detail	O	1	
LOOP ID - REF					>1	
Not Used	205	REF	Reference Numbers	O	1	
Not Used	206	DTM	Date/Time Reference	O	>1	
LOOP ID - SAC					>1	
Not Used	207	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	208	TXI	Tax Information	O	>1	
LOOP ID - ADX					>1	
	210	ADX	Adjustment	O	1	c10
Not Used	220	NTE	Note/Special Instruction	O	>1	
Not Used	230	PER	Administrative Communications Contact	O	>1	
LOOP ID - REF					>1	
	240	REF	Reference Numbers	O	1	
Not Used	250	DTM	Date/Time Reference	O	>1	
LOOP ID - IT1					>1	
Not Used	260	IT1	Baseline Item Data (Invoice)	O	1	c11
LOOP ID - REF					>1	
Not Used	270	REF	Reference Numbers	O	1	
Not Used	271	DTM	Date/Time Reference	O	1	
LOOP ID - SAC					>1	
Not Used	272	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	273	TXI	Tax Information	O	>1	
LOOP ID - SLN					>1	
Not Used	274	SLN	Subline Item Detail	O	1	
LOOP ID - REF					>1	
Not Used	275	REF	Reference Numbers	O	1	
Not Used	276	DTM	Date/Time Reference	O	>1	
LOOP ID - SAC					>1	
Not Used	277	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	278	TXI	Tax Information	O	>1	
LOOP ID - TXP					>1	
Not Used	280	TXP	Tax Payment	O	1	n2
Not Used	285	TXI	Tax Information	O	>1	
LOOP ID - DED					>1	

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Not Used	287	DED	Deductions	O	1	n3
LOOP ID - LX						
					>1	
Not Used	290	LX	Assigned Number	O	1	n4
Not Used	295	REF	Reference Numbers	O	>1	
Not Used	300	TRN	Trace	O	>1	
LOOP ID - NM1						
					>1	
Not Used	305	NM1	Individual or Organizational Name	O	1	
Not Used	310	REF	Reference Numbers	O	>1	
Not Used	315	G53	Maintenance Type	O	1	
LOOP ID - AIN						
					>1	
Not Used	320	AIN	Income	O	1	
Not Used	325	QTY	Quantity	O	>1	
Not Used	330	DTP	Date or Time or Period	O	>1	
LOOP ID - PEN						
					>1	
Not Used	335	PEN	Pension Information	O	1	
Not Used	340	AMT	Monetary Amount	O	>1	
Not Used	345	DTP	Date or Time or Period	O	>1	
LOOP ID - INV						
					>1	
Not Used	350	INV	Investment Vehicle Selection	O	1	
Not Used	355	DTP	Date or Time or Period	O	>1	

Summary:

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.Use</u>	<u>Loop</u>	<u>Notes and</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>		<u>Repeat</u>	<u>Comments</u>
Must Use	010	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The ENT loop is for vendor payments.
2. The TXP loop is for tax payments.
3. The DED loop is for child support payments.
4. The LX loop is for pension payments.

Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The CUR segment does not initiate a foreign exchange transaction.
3. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
4. ENT09 may contain the payee's accounts receivable customer number.
5. Allowing the N1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
6. This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
7. Loop IT1 within the ADX loop is the adjustment line item detail loop.
8. Loop RMR is for open items being referenced or for payment on account.

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- 9.** Loop IT1 within the RMR loop is the remittance line item detail loop.
- 10.** This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).
- 11.** Loop IT1 within the ADX loop is the adjustment line item detail loop.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	ST01	143 Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		820 X12.4 Payment Order/Remittance Advice	
Must Use	ST02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.</i>	

Segment:	BPR Beginning Segment for Payment Order/Remittance Advice
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	(1) To indicate the beginning of a PaymentOrder/Remittance Advice Transaction Set and total payment amount or (2) to enable related transfer of funds and/or information from payer to payee to occur
Syntax Notes:	<ol style="list-style-type: none"> 1 If either BPR06 or BPR07 is present, then the other is required. 2 If BPR08 is present, then BPR09 is required. 3 If either BPR12 or BPR13 is present, then the other is required. 4 If BPR14 is present, then BPR15 is required. 5 If either BPR18 or BPR19 is present, then the other is required. 6 If BPR20 is present, then BPR21 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 BPR02 specifies the payment amount. 2 When using this transaction set to initiate a payment, BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used. BPR06 and BPR07 relate to the originating depository financial institution (ODFI). 3 BPR08 is a code identifying the type of bank account or other financial asset. 4 BPR12 and BPR13 relate to the receiving depository financial institution (RDFI). 5 BPR14 is a code identifying the type of bank account or other financial asset. 6 BPR15 is the account number of the receiving company to be debited or credited with the payment order. 7 BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date). 8 BPR17 is a code identifying the business reason for this payment. 9 BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only. 10 BPR20 is a code identifying the type of bank account or other financial asset.
Comments:	<ol style="list-style-type: none"> 1 BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	M ID 1/2
Must Use BPR01	305 Transaction Handling Code	
	Code designating the action to be taken by all parties	
	C Payment Accompanies Remittance Advice	
	I Remittance Information Only	
	M Memo/Additional Remittance Detail	
	R Recurring Debit Authorization	
	X Handling Party's Option to Split Payment and	

			Z	Remittance Mutually Defined			
Must Use	BPR02	782	Monetary Amount		M	R	1/15
			Monetary amount				
			<i>1. Total monetary amount to be credited/debited.</i>				
			<i>2. A decimal point is required when the amount is in dollars and cents. Total payment amount cannot exceed eleven characters (including the decimal) when converted to NACHA format, e.g., 99999999.99</i>				
Must Use	BPR03	478	Credit/Debit Flag Code		M	ID	1/1
			Code indicating whether amount is a credit or debit				
			<i>Use to indicate the amount in BPR02 is a credit or debit.</i>				
			C	Credit			
			D	Debit			
Must Use	BPR04	591	Payment Method Code		M	ID	3/3
			Code identifying the method for the movement of payment instructions				
			ACH	Automated Clearing House (ACH)			
			DCD	ACH Demand Cash Concentration/Disbursement (CCD) Debit			
			DXC	ACH Demand Corporate Trade Exchange (CTX) Credit			
			FEW	Federal Reserve Fund/Wire Transfer - Repetitive			
			FWT	Federal Reserve Funds/Wire Transfer - Nonrepetitive			
	BPR05	812	Payment Format Code		O	ID	1/10
			Code identifying the payment format to be used				
			<i>If BPR04 is "ACH", the valid codes are "CCP" and "CTX".</i>				
			CCP	Cash Concentration/Disbursement plus Addenda (CCD+) (ACH)			
			CTX	Corporate Trade Exchange (CTX) (ACH)			
	BPR06	506	(DFI) ID Number Qualifier		X	ID	2/2
			Code identifying the type of identification number of Depository Financial Institution (DFI)				
			01	ABA Transit Routing Number Including Check Digits (9 digits)			
			<i>Use to identify the originator's number.</i>				
	BPR07	507	(DFI) Identification Number		X	AN	3/12
			Depository Financial Institution (DFI) identification number				
			<i>Cite the originator's routing number.</i>				
	BPR08	569	Account Number Qualifier		O	ID	1/3
			Code indicating the type of account				
			<i>Use to identify the originator's account using the appropriate X12 code.</i>				
	BPR09	508	Account Number		X	AN	1/35

			Account number assigned			
			<i>1. For debits, in which case the Government agency or its financial agent is the originator, cite the agency for ACH account number for ACH and CCD.</i>			
			<i>2. For credits, in which case the remitter is the originator, cite the remitter's account number.</i>			
	BPR10	509	Originating Company Identifier	O	AN	10/10
			A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9			
Not Used	BPR11	510	Originating Company Supplemental Code	O	AN	9/9
			A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions			
	BPR12	506	(DFI) ID Number Qualifier	X	ID	2/2
			Code identifying the type of identification number of Depository Financial Institution (DFI)			
			01	ABA Transit Routing Number Including Check Digits (9 digits)		
	BPR13	507	(DFI) Identification Number	X	AN	3/12
			Depository Financial Institution (DFI) identification number			
			<i>For credits, in which case the Government agency or its financial agent is the receiver, cite the DFI identification number.</i>			
	BPR14	569	Account Number Qualifier	O	ID	1/3
			Code indicating the type of account			
			<i>Use to identify the receiver's account using the appropriate X12 code.</i>			
	BPR15	508	Account Number	X	AN	1/35
			Account number assigned			
			<i>1. For credits, in which case the Government agency or its financial agent is the receiver, cite the agency account number.</i>			
			<i>2. For debits, in which case the remitter is the receiver, cite the remitter's account number.</i>			
	BPR16	373	Date	O	DT	6/6
			Date (YYMMDD)			
			<i>Use to identify the settlement date.</i>			
	BPR17	1048	Business Function Code	O	ID	1/3
			Code identifying the business reason for this payment			
			<i>A data maintenance request has been submitted to ASC X12 to add code</i>			

REC, receipts, to this data element.

			PCS	Payment of Child Support				
			PEN	Pension Payment				
			VEN	Vendor Payment				
Not Used	BPR18	506	(DFI) ID Number Qualifier			X	ID	2/2
			Code identifying the type of identification number of Depository Financial Institution (DFI)					
Not Used	BPR19	507	(DFI) Identification Number			X	AN	3/12
			Depository Financial Institution (DFI) identification number					
Not Used	BPR20	569	Account Number Qualifier			O	ID	1/3
			Code indicating the type of account					
Not Used	BPR21	508	Account Number			X	AN	1/35
			Account number assigned					

Segment:	TRN Trace
Position:	035
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To uniquely identify a transaction to an application
Syntax Notes:	
Semantic Notes:	1 TRN02 provides unique identification for the transaction. 2 TRN03 identifies an organization. 3 TRN04 identifies a further subdivision within the organization.
Comments:	
Notes:	1. <i>This TRN segment can be used for re-association purposes.</i> 2. <i>Use this 1/TRN/035 segment to allow an originator to identify a transaction for tracking purposes.</i> 3. <i>Although use of this segment is optional, failure to cite a reference number in TRN02 will make it difficult to identify this transaction set in an Application Advice, 824 transaction set.</i>

Data Element Summary

Ref.	Data					
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
Must Use	TRN01	481	Trace Type Code		M	ID 1/2
			Code identifying which transaction is being referenced			
			1	Current Transaction Trace Numbers		
				<i>Indicates that this is the trace number for this transaction.</i>		
Must Use	TRN02	127	Reference Number		M	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
				<i>A unique number assigned by the originator of the transaction set.</i>		
Not Used	TRN03	509	Originating Company Identifier		O	AN 10/10
			A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9			
Not Used	TRN04	127	Reference Number		O	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	REF01	128 Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		72 Schedule Reference Number	
		Identifies a number for a program schedule (for example, a logic type of network) or working schedule to complete a specific task or set of tasks	
		TN Transaction Reference Number	
		VV Voucher	
	REF02	127 Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
		<i>Receipt reference number.</i>	
Not Used	REF03	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment:	DTM Date/Time Reference
Position:	060
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify pertinent dates and times
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of DTM02 DTM03 or DTM06 is required. 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	<i>Use this 1/DTM/060 segment to identify the date of this transaction set.</i>

Data Element Summary

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>			
Must Use	DTM01	374	Date/Time Qualifier	M	ID	3/3
			Code specifying type of date or time, or both date and time			
		097	Transaction Creation			
	DTM02	373	Date	X	DT	6/6
			Date (YYMMDD)			
	DTM03	337	Time	X	TM	4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
Not Used	DTM04	623	Time Code	O	ID	2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
	DTM05	624	Century	O	N0	2/2
			The first two characters in the designation of the year (CCYY)			
Not Used	DTM06	1250	Date Time Period Format Qualifier	X	ID	2/3
			Code indicating the date format, time format, or date and time format			
Not Used	DTM07	1251	Date Time Period	X	AN	1/35
			Expression of a date, a time, or range of dates, times or dates and times			

Segment:	N1 Name
Position:	070
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<ol style="list-style-type: none"> 1. Use two repetitions of the N1 loop to identify the payer and payee organizations. Use the first iteration for payer. Use the second iteration for payee. 2. Use the 1/N1/070 loop to identify organization(s) or persons that apply to all of the line items, or are not applicable at the line item level. When the addresses vary by line item, use the 2/N1/020 loop.

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
Must Use N101	98 Entity Identifier Code	M ID 2/2
	Code identifying an organizational entity, a physical location, or an individual	
	PE Payee	
	Use to indicate the agency. When used, indicate the applicable ALC code N103/04.	
	PR Payer	
	Use to indicate the applicable remitter's code.	
	SQ Service Bureau	
	A business entity that is responsible for providing computer resources to other firms that do not have computer resources of their own	
N102	93 Name	X AN 1/35
	Free-form name	
	1. When N101 is code PR, use to indicate the remitter.	
	2. When N101 is code PE, cite the name of the agency.	
	3. Remitter name is not required if the standard carrier alpha code (SCAC) is present in N103.	
N103	66 Identification Code Qualifier	X ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

- 1 D-U-N-S Number, Dun & Bradstreet
- 2 Standard Carrier Alpha Code (SCAC)
- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
- 10 Department of Defense Activity Address Code (DODAAC)
- 33 Commercial and Government Entity (CAGE)
- 93 Code assigned by the organization originating the transaction set

Until conversion to DUNS numbers, agencies may cite an agency vendor identification number or an agency internal vendor identification number as related to the agency's payment system. Use only when another listed code is not applicable.

- 94 Code assigned by the organization that is the ultimate destination of the transaction set

FI Federal Taxpayer's Identification Number

Use to indicate either the EIN or SSN as appropriate. Required when applicable.

PI Payor Identification

N104	67	Identification Code	X	AN	2/20
		Code identifying a party or other code			
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
		Code describing entity relationship			
Not Used	N106	98	Entity Identifier Code	O	ID 2/2
		Code identifying an organizational entity, a physical location, or an individual			

Segment: **PER** Administrative Communications Contact
Position: 120
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *Use this 1/PER/120 segment to identify a contact that applies to all of the line items, or are not applicable at the line item level. When the contact varies by line item, use the 2/PER/070 segment.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use PER01	366	Contact Function Code	M	ID 2/2
		Code identifying the major duty or responsibility of the person or group named		
		IC Information Contact		
PER02	93	Name	O	AN 1/35
		Free-form name		
		<i>Cite the last name first, followed by the first name. Do not truncate the last name if whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.</i>		
PER03	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify the preferred method of communication in the first repetition. Use PER05/06 to identify an additional communication number. Use additional repetitions of the PER segment to identify additional numbers.</i>		
		AU Defense Switched Network		
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM Electronic Mail		
		FX Facsimile		
		IT International Telephone		
		MN Modem Number		
		TE Telephone		

		TL	Telex			
		TM	Telemail			
		TX	TWX			
PER04	364	Communication Number		X	AN	1/80
		Complete communications number including country or area code when applicable				
		<i>Do not include blank spaces or dashes between numbers.</i>				
PER05	365	Communication Number Qualifier		X	ID	2/2
		Code identifying the type of communication number				
		<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cite an Electronic Mail address.</i>				
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
		EM	Electronic Mail			
		EX	Telephone Extension			
			<i>Use only if PER03 is used citing code AU, IT, or TE.</i>			
		FX	Facsimile			
		IT	International Telephone			
		MN	Modem Number			
		TE	Telephone			
		TL	Telex			
		TM	Telemail			
		TX	TWX			
PER06	364	Communication Number		X	AN	1/80
		Complete communications number including country or area code when applicable				
		<i>Do not include blank spaces or dashes between numbers.</i>				
PER07	365	Communication Number Qualifier		X	ID	2/2
		Code identifying the type of communication number				
		<i>Use to provide a third communications number for the party cited in PER02.</i>				
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
		EM	Electronic Mail			
		EX	Telephone Extension			
			<i>Use only if PER03 is used citing code AU, IT, or</i>			

			TE.	
		FX	Facsimile	
		IT	International Telephone	
		MN	Modem Number	
		TE	Telephone	
		TL	Telex	
		TM	Telemail	
		TX	TWX	
PER08	364	Communication Number	X AN 1/80	
		Complete communications number including country or area code when applicable		
		<i>Do not use blank spaces or dashes between numbers.</i>		
PER09	443	Contact Inquiry Reference	O AN 1/20	
		Additional reference number or description to clarify a contact number		
		<i>Use, if necessary, to provide the title of the party cited in PER02.</i>		

Segment:	ENT Entity
Position:	010
Loop:	ENT
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To designate the entities which are parties to a transaction and specify a reference meaningful to those entities
Syntax Notes:	<ol style="list-style-type: none"> 1 If any of ENT02 ENT03 or ENT04 is present, then all are required. 2 If any of ENT05 ENT06 or ENT07 is present, then all are required. 3 If either ENT08 or ENT09 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows: <ol style="list-style-type: none"> (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master). (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used. (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used. (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. <p>This segment also allows for the transmission of a unique reference number that is meaningful between the entities.</p>
Notes:	<i>Remitter will use either a single iteration of the 2/ENT/010 loop for a remittance advice directly to the payee agency, (single/single as described in comments 1 and 2), or more than one iteration, if a consolidated payer (for a multiple/single transaction) as described in comments 3 and 4.</i>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
ENT01	554	Assigned Number		O N0 1/6
			Number assigned for differentiation within a transaction set	
			<i>Number assigned by the remitter to each entity in the transaction.</i>	
ENT02	98	Entity Identifier Code		X ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			<i>Use any code.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

	ENT03	66	Identification Code Qualifier	X	ID	1/2
			Code designating the system/method of code structure used for Identification Code (67)			
			<i>Use any code.</i>			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	ENT04	67	Identification Code	X	AN	2/20
			Code identifying a party or other code			
Not Used	ENT05	98	Entity Identifier Code	X	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			
Not Used	ENT06	66	Identification Code Qualifier	X	ID	1/2
			Code designating the system/method of code structure used for Identification Code (67)			
Not Used	ENT07	67	Identification Code	X	AN	2/20
			Code identifying a party or other code			
Not Used	ENT08	128	Reference Number Qualifier	X	ID	2/2
			Code qualifying the Reference Number.			
Not Used	ENT09	127	Reference Number	X	AN	1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			

Segment:	N1 Name
Position:	020
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	1. Use the 2/N1/020 loop to identify facility or geographic location that apply to organizations or persons that vary by line item. When organization and address apply to all line items, or are not applicable at the line item level, use the 1/N1/070 loop. 2. Whenever possible, address information should be transmitted using code values contained in a combination of the N101 and N103/04 data elements. Use N102 and N2-N4 segments only when it is necessary to transmit the full address.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		<i>Use the applicable X12 code.</i>	
N102	93	Name	X AN 1/35
		Free-form name	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
N104	67	Identification Code	X AN 2/20
		Code identifying a party or other code	
N105	706	Entity Relationship Code	O ID 2/2
		Code describing entity relationship	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
N106	98	Entity Identifier Code	O ID 2/2

Code identifying an organizational entity, a physical location, or an individual

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **N2** Additional Name Information
Position: 030
Loop: N1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>
	<u>Des.</u>			<u>Attributes</u>
Must Use	N201	93	Name	M AN 1/35
			Free-form name	
	N202	93	Name	O AN 1/35
			Free-form name	

Segment: **N3** Address Information
Position: 040
Loop: N1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*

Data Element Summary				
	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment:	N4 Geographic Location
Position:	050
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	<i>This segment is not necessary when the cited party can be identified by a code value in N101/03/04.</i>

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O	ID 3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O	ID 2/3
		Code identifying the country		
Not Used	N405	309 Location Qualifier	X	ID 1/2
		Code identifying type of location		
Not Used	N406	310 Location Identifier	O	AN 1/30
		Code which identifies a specific location		

Segment: **PER** Administrative Communications Contact
Position: 070
Loop: N1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *Use this 2/PER/070 segment to identify a contact that applies to specific line items. When the contact applies to all of the line items, use 1/PER/120 segment.*

Data Element Summary

Ref.	Data								
	<u>Des.</u>	<u>Element</u>	<u>Name</u>			<u>Attributes</u>			
Must Use	PER01	366	Contact Function Code			M ID	2/2		
			Code identifying the major duty or responsibility of the person or group named						
			IC	Information Contact					
	PER02	93	Name			O AN	1/35		
			Free-form name						
			<i>Cite the last name first, followed by the first name. Do not truncate the last name if whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.</i>						
	PER03	365	Communication Number Qualifier			X ID	2/2		
			Code identifying the type of communication number						
			<i>Use to identify the preferred method of communication in the first repetition. Use PER05/06 to identify an additional communication number. Use additional repetitions of the PER segment to identify additional numbers.</i>						
			AU	Defense Switched Network					
				Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)					
			EM	Electronic Mail					
			FX	Facsimile					
			IT	International Telephone					
			MN	Modem Number					
			TE	Telephone					
			TL	Telex					

		TM	Telemail			
		TX	TWX			
PER04	364	Communication Number		X	AN	1/80
		Complete communications number including country or area code when applicable				
		<i>Do not include blank spaces or dashes between numbers.</i>				
PER05	365	Communication Number Qualifier		X	ID	2/2
		Code identifying the type of communication number				
		<i>1. Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cite an Electronic Mail address.</i>				
		<i>2. Use only if PER03 is used citing code AU, IT, or TE.</i>				
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
		EM	Electronic Mail			
		EX	Telephone Extension			
			<i>Use only if PER03 is used citing code AU, IT, or TE.</i>			
		FX	Facsimile			
		IT	International Telephone			
		MN	Modem Number			
		TE	Telephone			
		TL	Telex			
		TM	Telemail			
		TX	TWX			
PER06	364	Communication Number		X	AN	1/80
		Complete communications number including country or area code when applicable				
		<i>Do not include blank spaces or dashes between numbers.</i>				
PER07	365	Communication Number Qualifier		X	ID	2/2
		Code identifying the type of communication number				
		<i>Use to provide a third communications number for the party cited in PER02.</i>				
		AU	Defense Switched Network			
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)			
		EM	Electronic Mail			
		EX	Telephone Extension			

Use only if PER05 is used citing code AU, IT, or TE.

FX	Facsimile
IT	International Telephone
MN	Modem Number
TE	Telephone
TL	Telex
TM	Telemail
TX	TWX

PER08 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

Do not include blank spaces or dashes between numbers.

PER09 443 Contact Inquiry Reference O AN 1/20

Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title of the party in PER02.

Segment:	RMR Remittance Advice Accounts Receivable Open Item Reference
Position:	150
Loop:	RMR
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail
Syntax Notes:	1 If either RMR01 or RMR02 is present, then the other is required.
Semantic Notes:	1 If RMR03 is present, it specifies how the cash is to be applied. 2 RMR04 is the amount paid. 3 RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items. 4 RMR06 is the amount of discount taken which may be less than or equal to the amount of discount permitted.
Comments:	1 Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication. 2 If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present. 3 RMR05 may be needed by some payees to distinguish between duplicate reference numbers.
Notes:	1. Use multiple iterations of the 2/RMR/150 loop as needed to indicate individual receipts included within the remittance amount. 2. Use to identify all open items to be included in the cash application (i.e., invoices, seller credit memos, etc.). Include agency data as available, in all relevant data elements in each iteration of an RMR segment. 3. The RMR is to be used for open items being referenced for payment on account. The inner ADX segment should be used for adjustments to the RMR.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
RMR01	128	Reference Number Qualifier	X ID 2/2
		Code qualifying the Reference Number.	
		3H	Case Number
		C4	Change Number
		CL	Seller's Credit Memo
		H9	Payment History Reference Number
		IS	Invoice Number Suffix
		OI	Original Invoice Number
		SI	Shipper's Identifying Number for Shipment (SID)

A unique number (to the shipper) assigned by the shipper to identify the shipment

RMR02	127	Reference Number	X	AN	1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
RMR03	482	Payment Action Code	O	ID	2/2
		Code specifying the type of accounts receivable open item(s) to be included in a cash application.			
		AI Amount Paid Inclusive of Discounts and Adjustments			
		NS Not Specified (Unknown as to Type of Payment)			
		PI Pay Item			
		PO Payment on Account			
RMR04	782	Monetary Amount	O	R	1/15
		Monetary amount			
		1. Use to indicate the net amount paid.			
		2. A decimal point is required when amount is in dollars and cents.			
RMR05	782	Monetary Amount	O	R	1/15
		Monetary amount			
RMR06	782	Monetary Amount	O	R	1/15
		Monetary amount			

Segment: **REF** Reference Numbers
Position: 170
Loop: RMR
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Notes: *This segment contains ancillary reference numbers relating to the preceding RMR segment. This segment shall not be used to identify the primary document number. Instead, cite that number in data elements RMR01/02.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. <i>Use any applicable X12 code.</i>	M ID 2/2
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **DTM** Date/Time Reference

Position: 180

Loop: RMR

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify pertinent dates and times

Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.

2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Cite the date of the document specified in the preceding RMR segment.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 140 Actual <i>The actual date of the document cited in the preceding data element RMR02.</i> 146 Closing Date 496 Contract Audit Date	M ID 3/3
	DTM02	373	Date Date (YYMMDD)	X DT 6/6
Not Used	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2
Not Used	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment:	ADX Adjustment
Position:	210
Loop:	ADX
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos
Syntax Notes:	1 If either ADX03 or ADX04 is present, then the other is required.
Semantic Notes:	1 ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount. 2 ADX02 specifies the reason for claiming the adjustment. 3 ADX03 and ADX04 specify the identification of the adjustment.
Comments:	
Notes:	<i>When payment amount varies from invoice amount, use multiple iterations of this 2/ADX/210 loop as needed to identify one or more adjustments to the current invoice indicated in the corresponding 2/RMR/150 loop.</i>

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	ADX01	782	Monetary Amount	M R 1/15
			Monetary amount	
			<i>1. Use to indicate the adjustment amount.</i>	
			<i>2. Use a minus sign to indicate a debit.</i>	
			<i>3. A decimal point is required when amount is in dollars and cents.</i>	
Must Use	ADX02	426	Adjustment Reason Code	M ID 2/2
			Code indicating reason for credit memo, or adjustment to invoice, credit memo, or payment.	
		50	Late Charge	
		51	Interest Penalty Charge	
		L3	Penalty	
			The dollar value of the penalty assessed a business entity for a past due debt	
		L6	Interest Owed	
			The dollar value of interest owed a business entity for a past due payment	
Not Used	ADX03	128	Reference Number Qualifier	X ID 2/2
			Code qualifying the Reference Number.	
Not Used	ADX04	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular	

Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	REF Reference Numbers
Position:	240
Loop:	REF
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	<i>Use this segment, if applicable, to cite ancillary reference numbers relating to the preceding ADX segment.</i>

Data Element Summary

Ref.	Data	Element	Name	Attributes
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. <i>Use any code to cite an ancillary reference number relating to the data contained in the immediately preceding ADX segments.</i>	M ID 2/2
			RB Rate code number <i>When ADX02 is code L6, use to indicate the interest rate used to calculate the interest paid in the preceding ADX segment.</i>	
			TD Reason for Change	
			XX Rating Period	
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **SE** Transaction Set Trailer
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use SE01	96	Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
Must Use SE02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>Cite the same number that is contained in ST02.</i>	